

Converting Colors

XYZ(34.1924, 25.0459, 52.4984)

Have a look what the booklet for
XYZ(34.1924, 25.0459, 52.4984)
contains.

XYZ(34.1445, 24.9542, 52.3073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1445, 24.9542,
52.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	B56FBF
RGB	181, 111, 191
RGB Percent	71%, 44%, 75%
CMY	0.2902, 0.5647, 0.2510
CMYK	0.05, 0.42, 0.00, 0.25
HSL	293°, 38%, 59%
HSV	293°, 42%, 75%
XYZ	34.1445, 24.9542, 52.3073
YIQ	141.0500, 16.0400, 39.7200

Conversions

Conversions Part 2

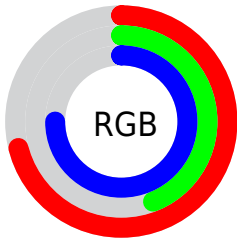
Format	Color
RYB	181, 111, 191
Decimal	11890623
CIELab	57.03, 40.65, -30.72
CIELCh	57, 50.954, 322.919
Yxy	24.9542, 0.3065, 0.2240
Android (android.graphics.Color)	4290080703 (0xFFB56FBF)
YUV	141.0500, 24.6253, 35.0361
Hunter-Lab	49.9542, 34.5879, -27.1150

Details

The XYZ color **34.1445, 24.9542, 52.3073** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.3860, 42.4749, 21.6897**, and the grayscale version is **25.2399, 26.5543, 28.9177**.

A 20% lighter version of the original color is **65.4786, 51.5054, 95.2974**, and **14.7354, 9.4735, 24.7188** is the 20% darker color. If you saturate the color by 10%, you get **31.7242, 20.9370, 51.6598**, and if you desaturate by 10%, it is **37.0216, 29.8696, 53.1048**.

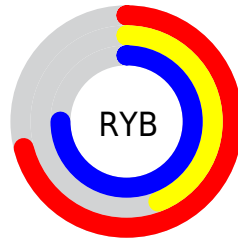
Distribution



Red (71%)

Green (44%)

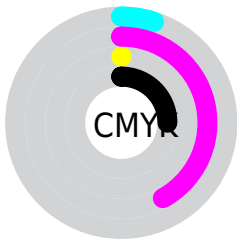
Blue (75%)



Red (71%)

Yellow (44%)

Blue (75%)

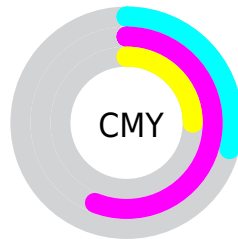


Cyan (5%)

Magenta (42%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (56%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1445, 24.9542, 52.3073 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.1445, 24.9542, 52.3073 by changing the saturation by 10% instead.

 34.1445, 24.9542,
52.3073


 34.1445, 24.9542,
52.3073


312.3505,
277.6098, 412.6125


 23.1680, 16.0429,
36.8661


 65.5011, 51.5829,
95.0155


 14.8390, 9.5545,
24.8089


 86.6120, 70.0692,
123.1196

 8.7921, 5.1046,
15.7170


 111.8317, 92.5158,
156.2817

 4.6618, 2.3088,
9.1719

 141.5256,
119.3074, 194.9205

 2.0829, 0.7783,
4.7552

176.0591,
150.8281, 239.4544

 0.6799, 0.0000,
2.0481

215.7975,

 0.0000, 0.0000,

187.4625, 290.3020

0.5846

261.1062,
229.5949, 347.8819

■ 0.0000, 0.0000,
0.0000

■ 34.1445, 24.9542,
52.3073

■ 34.1445, 24.9542,
52.3073

■ 31.7242, 20.9370,
51.6598

■ 37.0216, 29.8696,
53.1048

■ 29.7296, 17.7575,
51.1513

■ 40.3792, 35.7322,
54.0594

■ 28.1293, 15.3527,
50.7714

■ 44.2423, 42.5914,
55.1798

■ 26.8867, 13.6493,
50.5081

■ 48.6334, 50.4922,
56.4734

■ 25.9582, 12.5598,
50.3468

■ 53.5736, 59.4768,
57.9472

■ 25.3672, 11.9909,
50.2681

■ 59.0829, 69.5849,
59.6079

■ 65.1803, 80.8545,
61.4618

■ 69.0104, 87.5748,
62.5570

■ 69.6535, 87.9064,
62.5871

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.4922, 24.9542, 70.2841



34.1445, 24.9542, 52.3073



37.0825, 24.9542, 31.4436

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.1445, 24.9542, 52.3073



25.1667, 24.9542, 5.8225



14.6127, 24.9542, 42.1470

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.1445, 24.9542, 52.3073



29.3860, 42.4749, 21.6897

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.0261, 24.9542, 23.3039



34.1445, 24.9542, 52.3073



19.5097, 24.9542, 6.7061

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.1445, 24.9542, 52.3073



31.3627, 24.9542, 8.4368



15.6651, 24.9542, 11.7401



17.4293, 24.9542, 62.8964

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.1445, 24.9542, 52.3073



36.8088, 24.9542, 20.4434



15.6651, 24.9542, 11.7401



14.1700, 24.9542, 35.2327

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.1454, 24.9553, 52.3078



78.2690, 74.5506, 98.5436



22.8792, 20.9795, 52.1342



16.8358, 15.7446, 21.5370



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1454, 24.9553, 52.3078



57.2531, 38.2087, 92.6366



33.6630, 25.0430, 37.0877



9.8094, 9.6341, 12.0148



16.7175, 7.9043, 33.0375



0.6882, 0.3268, 1.2957

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.6223, 23.8267, 21.0751



50.3183, 36.0398, 28.7816



29.9454, 42.5451, 31.5748



9.5774, 9.5553, 10.1636



14.2444, 7.3289, 1.3146



0.5741, 0.2935, 0.1362

Previews

White Background



This preview shows how the XYZ color 34.1445, 24.9542, 52.3073 looks on a white background.

Color Contrast Check

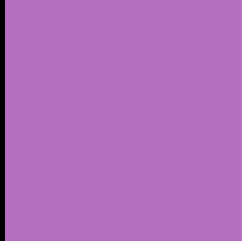
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.1445, 24.9542, 52.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

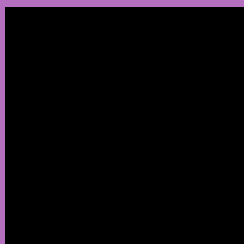
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1445, 24.9542, 52.3073

Background



This preview shows how black text looks on a background with the XYZ color 34.1445, 24.9542, 52.3073.



This preview shows how white text looks on a background with the XYZ color 34.1445, 24.9542,

52.3073.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.1445, 24.9542, 52.3073

Protanopia

26.7272, 25.2961, 64.4467

Deuteranopia

25.6953, 25.0841, 49.9418



Tritanopia

28.6749, 24.9930, 25.5031

Trichromacy



Original Color

34.1445, 24.9542, 52.3073

Protanomaly

28.3937, 24.4677, 59.7262

Deuteranomaly

28.0396, 24.4818, 50.8246

Tritanomaly

30.3341, 24.7569, 33.7516

Monochromacy



Original Color

34.1445, 24.9542, 52.3073

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.9509, 25.5364, 36.2567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1445, 24.9542, 52.3073 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 111, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 111, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 111, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 111, 191) }
```

Border

The CSS property to change the border of an element to XYZ 34.1445, 24.9542, 52.3073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 111, 191) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 111, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 111, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 111, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 111, 191);  
box-shadow:4px 4px 4px 4px rgb(181, 111,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1445, 24.9542, 52.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 111, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
111, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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